Product Name: **Histone H2B(crotonylK12) Rabbit Monoclonal Antibody**
Catalog #: **AMRe84162**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.39mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200
Molecular Weight	14 kDa

Antigen Information

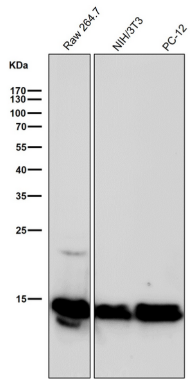
Gene Name	Histone H2B(crotonylK12)
Alternative Names	Histone H2B type 1-H; Histone H2B.j; H2B/j; HIST1H2BH; H2BFJ;;Crotonyl-Histone H2B type 2E (K12)
Gene ID	
SwissProt ID	Q16778
Immunogen	A synthesized peptide derived from human Histone H2B type 2E around the crotonylation site of K12

Background

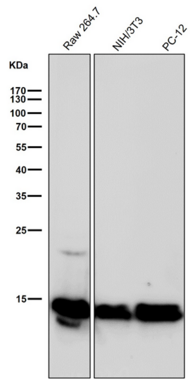
Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Research Area

Image Data



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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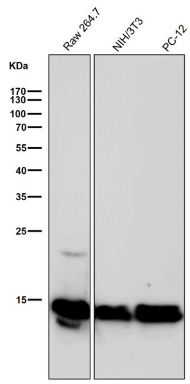

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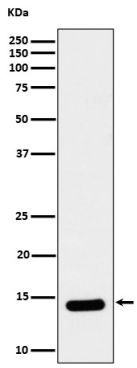
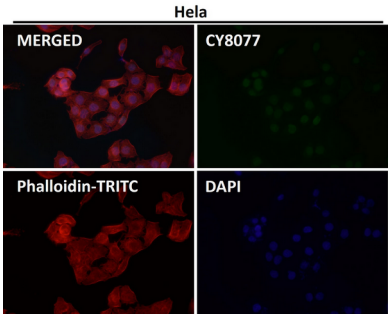


Western blot analysis of Histone H2B (crotonyl K12) expression in HeLa cell lysate.



Immunofluorescent analysis using the Antibody at 1:50 dilution.